



HYUDRULIC SENSORS SOLENOIDS – VALVES



OTO PERK A.S.

ŞAİR EŞREF BULVARI NO : 27/2 35210 IZMİR – TURKIYE

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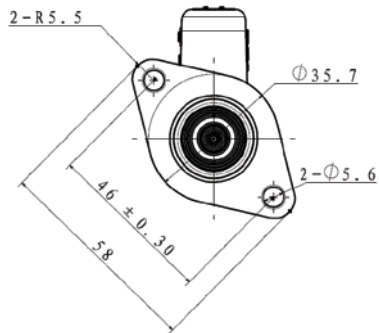
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STRUCTURE AND WORKING PRINCIPLE

Plug series

Adaptable Machinery: KOBELCO

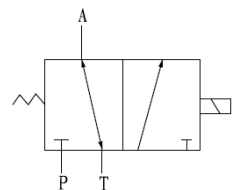


Working Principle

Control Mode: 2 positions 3 channels, controlled by switch

Power off: fuel flows from port A to port T;

Power on: fuel flows from port P to port A;



Specifications

Rated Pressure: 4MPa;

Maximum Flow: 16L/min

Rated Voltage: DC24V;

Rated Current: 280mA;

Maximum Pressure: 8.8MPa;

Maximum Back Pressure: 1MPa;

Pressure Characteristic: See Performance Diagram;

Internal Leakage: 30~80ml/min;

Installation: Bolted Connecting;

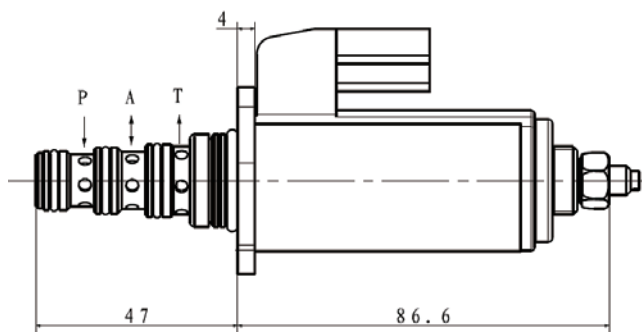
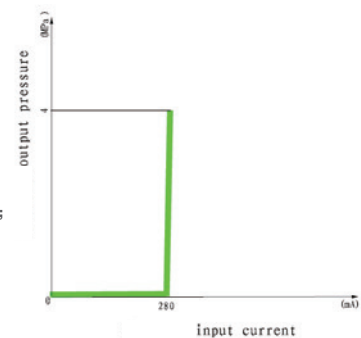
Coil Resistance: 34Ω;

Level of Protection: IP69K ;

Protective Performance: waterproof, anti-explosion, antiseptic;

Usage Environment Temperature: -40°C~90°C;

Usage Medium Viscosity Range: 5~500cSt mineral oil or lubricating synthetic oil

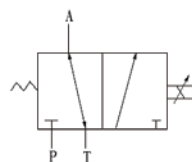


Working Principle

Control Mode: 2 positions 3 channels, controlled by switch

Power off: fuel flows from port A to port T;

Power on: fuel flows from port P to port A;



Specifications

Rated Pressure: 4MPa;

Maximum Flow: 10L/min

Rated Voltage: DC24V;

Rated Current: 700mA;

Maximum secondary adjustment pressure: 2.9MPa;

Maximum Pressure: 8.8MPa;

Maximum Back Pressure: 1MPa;

Pressure Characteristic: See Performance Diagram;

Internal Leakage: 30~80ml/min;

Installation: Bolted Connecting;

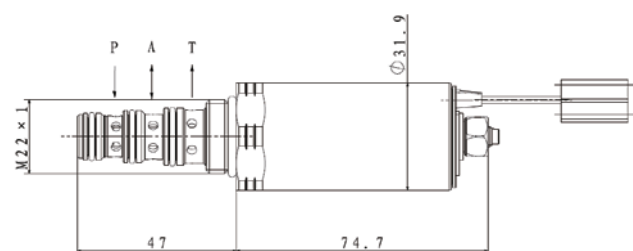
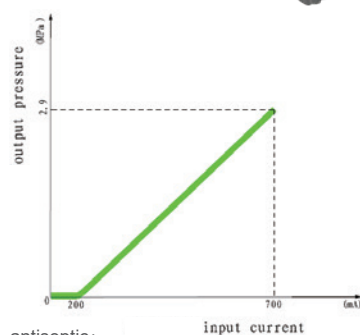
Coil Resistance: 17.5Ω;

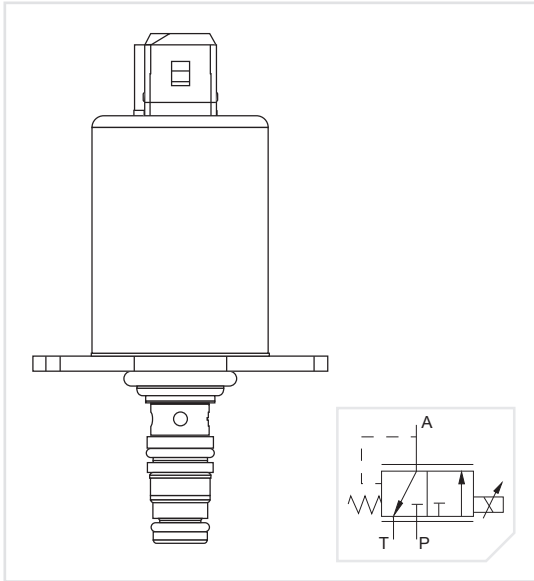
Level of Protection: IP69K ;

Protective Performance: waterproof, anti-explosion, antiseptic;

Usage Environment Temperature: -40 C~90 C ;

Usage Medium Viscosity Range: 5~500cSt mineral oil or lubricating synthetic oil





Model Code

96025	Valve Style
-001	Special Version up on request
-a	Solenoid Type
-a	Cavity Type
-20	Control Pressure Range: 20 bar; 25 bar; 32 bar
-12	Voltage: 12V; 24V
-J	Connector: D Deutsch DT04-2P; J AMP Jr Power Timer; L Lead Wires
-H	Seal Material: N NBR; H HNBR; F FKM
-0	Manual Override: 0 without; M with (only with connector type J)

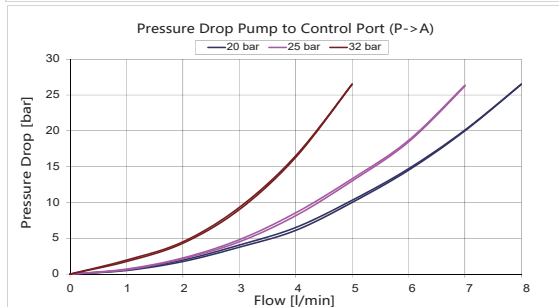
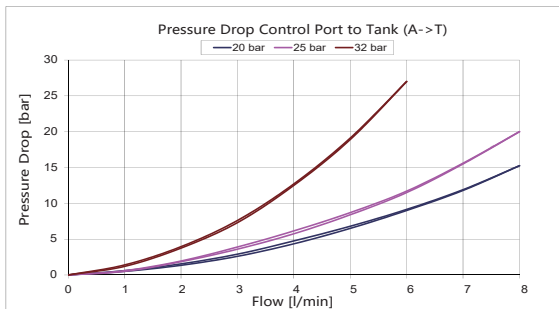
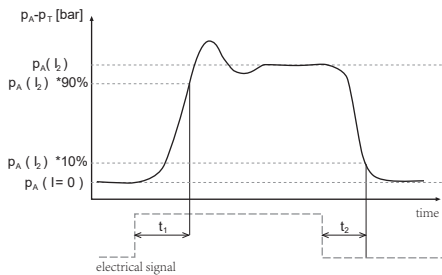
Hydraulic Data

Max Pressure (P, T)	pP = 50 bar, pT = 30 bar
Hysteresis (w/ PWM)	< 0.4 bar (pA=20) < 0.5 bar (pA=25) < 0.7 bar (pA=32)
Filter Screen	125 µm
Contamination Level	Min Filtration: 20/18/15 According to ISO 4406
Fluid	Mineral Oil According to DIN 51524
Temperature Range Fluid	-40 to +105°C

Electrical Data

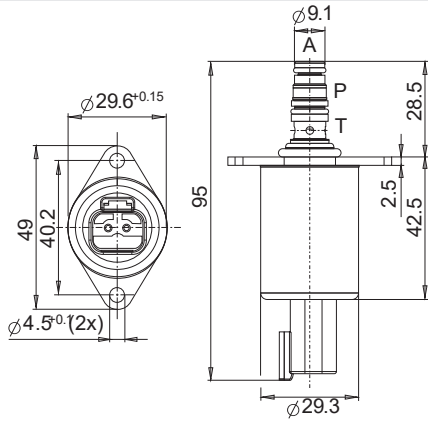
Voltage	12V	24V
Resolution	1500 mA	750 mA
Resistance	4.72 Ω ± 5%	20.8 Ω ± 5%
Current Consumption (idle)	24 mA (12V) 20 mA (24V)	
Type of Control	Current Control PWM 100 Hz Recommended	
Connector	AMP Junior Timer Deutsch Connector DT04-2P Lead wires	
Protection class	up to IP6K6 / IPX9K	
Conductor	Tinned copper strand UL 758 and CSA C 2.22 Material: CU-ETP1 acc. to DIN EN 13602:2002	
Insulation	Insulation: Soft-PVC, unleaded UL 1581-Tab. 50.182, Shore -hardness A	
Cable Length	500 mm	

Step Response (50°C Oil Temperature) $t_1, t_2 < 50$ ms

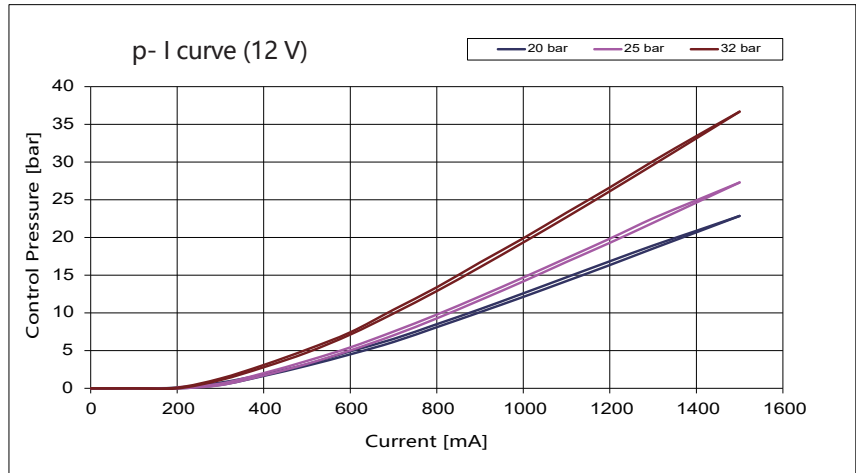


PRESSURE RELIEVING PROPORTIONAL VALVE

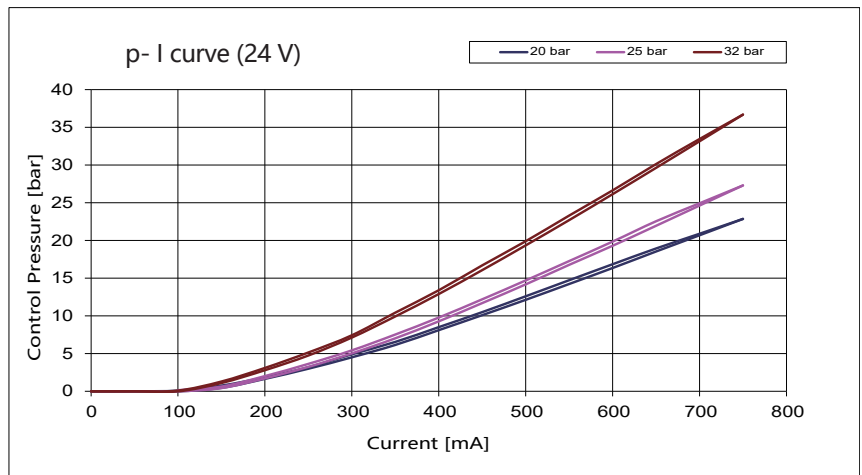
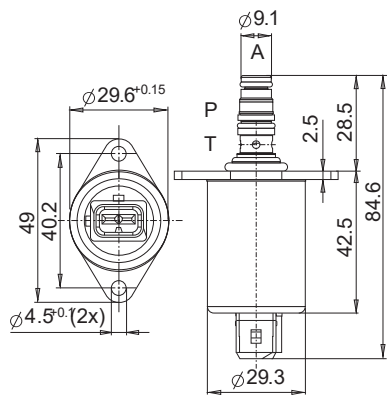
Dimensions with Deutsch Connector
(All dimensions in mm)



Current vs. Pressure
Less than 2% Hystereris



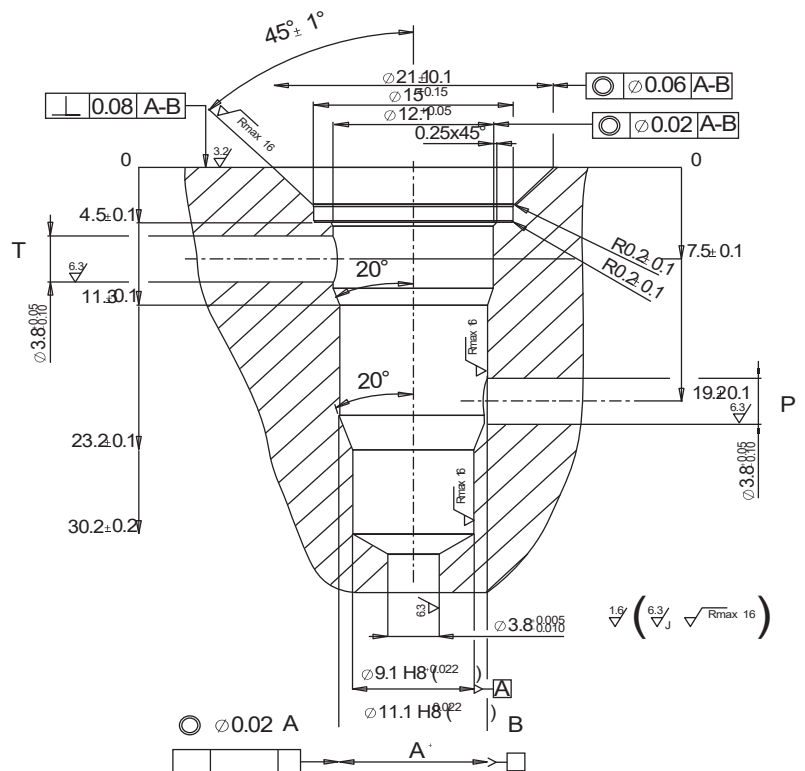
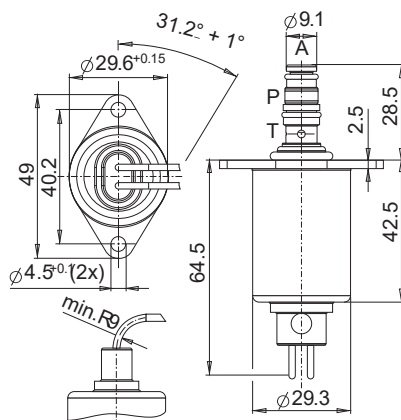
Dimensions with Flying Leads
(All dimensions in mm)



Cavity Dimensions
(All dimensions in mm)

Cavity According Specification: TC06025


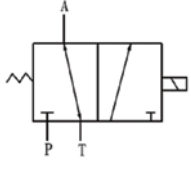

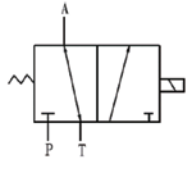

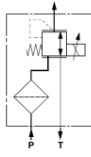

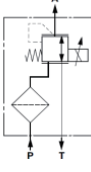

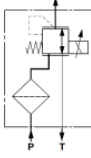

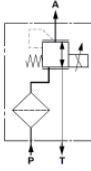

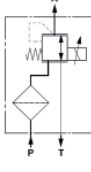

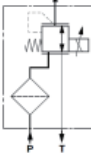
Dimensions with Flying Leads
(All dimensions in mm)




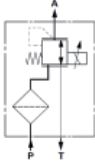

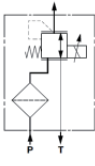

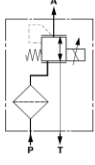

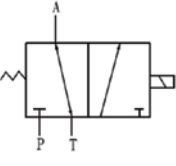

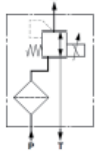

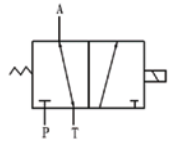

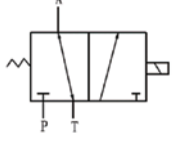

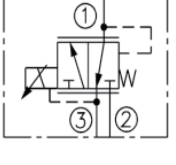
Hydraulic Pressure Proportional Solenoid Valve

Photo	PERK	Oem Ref	Circuit Dia	Product Parameters	Application	Description
	PRK 096001	ISEHPR08-33 EHPR08-33		Working Voltage 24V Max. Fuel Supply Pressure pP207bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA26bar	EHPR08-33 EHPR08-33-0-N-0DS EHPR08-33M-3B-N-0DC EHPR08-33M-4B-N-10DL	PROPORTIONAL SOLENOID VALVE
	PRK 096002	ISSV08-33 SV08-33		Working Voltage 24V Max. Fuel Supply Pressure pP207bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA207bar	SV08-33 SPOOL,3-Way	DIRECTIONAL CONTROL VALVE
	PRK 096003	ISSV08-33 SV08-33		Working Voltage 24V Max. Fuel Supply Pressure pP207bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA207bar	Fits Valve Stem Series 08, 80, 88, and 98	DIRECTIONAL CONTROL VALVE
	PRK 096007	IS4303624 4303624		Working Voltage 24V Max. Fuel Supply Pressure pP207bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA207bar	HydraForce Deutsch Connector 24v DC, 08 Series	DIRECTIONAL CONTROL VALVE
	PRK 096023	IS423-4562 423-4562		Working Voltage 12V Max. Fuel Supply Pressure pP207bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA207bar	303.5E2 303.5E2 CR 304E2 304E2 CR 305.5E 305.5E2 305.5E2 CR 305E2 305E2 CR 306E 307 307E 307E2 308E 308E2 308E2 CR	DIRECTIONAL CONTROL VALVE
	PRK 096103	IS900701407 R900701407		Working Voltage 24V Max. Fuel Supply Pressure pP100bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA18bar	1DX30G24C4V01 FTDRE 2 K3X / 18AG24C4V-8 MHFP04G2-1X	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096005	ISEHPR98-G38 EHPR98-G38		Working Voltage 12V Max. Fuel Supply Pressure pP207bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA30bar	EHPR98-G38C-0-G-12ER 1740	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096006	IS900578535 R900578535		Working Voltage 24V Max. Fuel Supply Pressure pP100bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA100bar	FTWE2KC35/100AG24C4V FTWE2KC36/100AG24C4V FTWE2KC37/100AG24C4V FTWE2KC38/100AG24C4V	DIRECTIONAL CONTROL VALVE


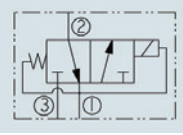

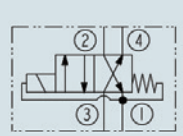

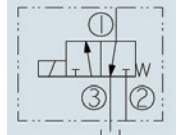

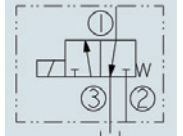
Hydraulic Pressure Proportional Solenoid Valve

Photo	PERK	Oem Ref	Circuit Dia	Product Parameters	Application	Description
	PRK 096100	IS900578533 R900578533		Working Voltage 12V Max. Fuel Supply Pressure pP100bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA100bar	FTWE 2 KC3X/100AG12C4V Directional Valve NEW	DIRECTIONAL CONTROL VALVE
	PRK 096101	IS900917759 R900917759		Working Voltage 24V Max. Fuel Supply Pressure pP100bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA100bar	FTWE2KC3X/150AG24C4V-3 FTWE2KC31/150AG24C4V-3 FTWE2KC32/150AG24C4V-3	DIRECTIONAL CONTROL VALVE
	PRK 096102	IS900726604 R900726604		Working Voltage 12V Max. Fuel Supply Pressure pP100bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA18bar	FTDRE 2 K3X/18AG12C4V-8	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096020	IS58401 TM58401		Working Voltage 24V Max. Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA30bar	John Deere F061736 Komatsu 5028210 Ponsse 0057478, 0060279 Logmax 620394 Rottne - 044-0256	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096021	IS82002 TM82002		Working Voltage 24v Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA25bar	PPC04-HGPPPV pP50bar pA-25bar	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096022	IS70302 TM70302		Working Voltage 24V Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA25bar		PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096025	IS70202 TM70202		Working Voltage 24V Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA20bar		PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096026	IS81901 TM81901		Working Voltage 12V Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA20bar	DANFOSS PVG32	PRESSURE RELIEVING PROPORTIONAL VALVE




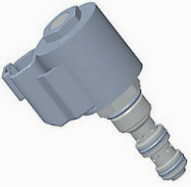


Hydraulic Pressure Proportional Solenoid Valve

Photo	PERK	Oem Ref	Circuit Dia	Product Parameters	Application	Description
	PRK 096027	IS1002605 TM1002605		Working Voltage 24V Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA32bar	X269768122 P1006177 P1006515	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096028	IS70402 TM70402		Working Voltage 24V Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA25bar	ps25 p70cf Gen2 Opis ZASTPIONY PRZEZ 6763060 CNIIE ZAMAWIĆPO TYM KODZIE 3769592 CZAMAWIĆPO TYM KODZIE	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096029	IS68501 TM68501		Working Voltage 24V Max. Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA25bar	PPCD04-001-B-C-25-24-J-H-0 (25bar) North hydraulic RM270 RS220 RSQ240 ER54	PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096030	IS1005110 TM1005110		Working Voltage 24V Max. Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA50bar		PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096031	IS1002421 TM1002421		Working Voltage 24V Fuel Supply Pressure pP35bar Working Pressure pA33bar		PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096032	IS1017968 1017968		Working Voltage 12V Max. Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT30bar Max. Working Pressure pA30bar		PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096033	IS1017969 1017969		Working Voltage 24V Max. Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT30bar Max. Working Pressure pA30bar		PRESSURE RELIEVING PROPORTIONAL VALVE
	PRK 096008	ISEHPR98-G38AS- O-G-12ER B 2043 EHPR98-G38AS-O- G-12ER B 2043		Working Voltage 24V Max. Fuel Supply Pressure pP45bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA45bar Rated Flow 30L/min		PRESSURE RELIEVING PROPORTIONAL VALVE

Hydraulic Pressure Proportional Solenoid Valve

Photo	PERK	Oem Ref	Circuit Dia	Product Parameters	Application	Description
	PRK 096009	ISSV90-G39-0 -G-24ER 1025 SV90-G39-0-G- 24ER 1025		Working Voltage 24V Max. Fuel Supply Pressure pP45bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA45bar Rated Flow 30L/min		DIRECTIONAL CONTROL VALVE
	PRK 096010	ISSV90-G40R-0 -G-24ER 1827 SV90-G40R-0-G- 24ER 1827		Working Voltage 24V Max. Fuel Supply Pressure pP45bar Max. Fuel Return Pressure pT10bar Max. Working Pressure pA45bar Rated Flow 30L/min		DIRECTIONAL CONTROL VALVE
	PRK 096011	ISSV98-G38-0-G -12ER /Z 1931 SV98-G38-0-G- 12ER /Z 1931		Working Voltage 24V Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA32bar		DIRECTIONAL CONTROL VALVE
	PRK 096012	ISSV98-G38S-0-G -12ER /Z A2005 SV98-G38S-0-G- 12ER /Z A2005		Working Voltage 24V Fuel Supply Pressure pP50bar Max. Fuel Return Pressure pT10bar Working Pressure pA25bar		DIRECTIONAL CONTROL VALVE

Hydraulic Pressure Proportional Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 096014	IS248-3290	Backhoe Loader 414E 416E 420E 422E 428E Track-Type Loader 953C 963C 973C	PROPORTIONAL SOLENOID VALVE
	PRK 096016	IS251-3268	Motor Grader 120 120M 120M2 12M Wheel-Type Loader 924K 926M 930K 930M	PROPORTIONAL SOLENOID VALVE
	PRK 096017	IS274-8034	Electromagnetic cat 428e 432E 434e	PROPORTIONAL SOLENOID VALVE
	PRK 096018	IS251-3268	GC 950H 950K 950L 950M 950M	PROPORTIONAL SOLENOID VALVE
	PRK 096019	IS241-5895	Wheel-Type Skidder 525C 535C 545C Excavator 324D FM Pipelayer 583T 587R 587T PL61	PROPORTIONAL SOLENOID VALVE
	PRK 096023	IS423-4562	Excavator 312F GC 313F GC 313F LGC Mini Hydraulic Excavator 303.5E2 303.5E2 CR 304E2 Track-Type Tractor D3K2 LGP D3K2 XL D4K2 LGP	PROPORTIONAL SOLENOID VALVE
	PRK 096024	IS277-8863	Earthmoving Compactor 815K 816K 825K 826K 836K Wheel Dozer 814K 824K 834K 844K 854K	PROPORTIONAL SOLENOID VALVE

EXCAVATOR ACCESSORIES

Engineering vehicles are the main force of a construction project, because of their emergence, the progress of construction projects doubled, greatly reduced the manpower.

View engineering vehicle operation, can not help to shock the power of machine and technology. They are used for the delivery, excavation, repair, and even operations of engineering.

In European municipal special vehicles, millimeter wave reversing radar, blind spot detection radar are widely used, even in some special transport vehicles

To force the installation of the device. Common engineering vehicles are: heavy transport vehicles, large cranes, excavators, bulldozers, rollers, loaders, power repair vehicles,

Engineering emergency vehicles, government special engineering vehicles, cross - country engineering vehicles, welding engineering vehicles, armored engineering vehicles (combat engineering vehicles), oxidant sewage treatment engineering vehicles.



Applicable models

Engineering vehicles, excavators, bulldozers ...

Well - fit brand

Komatsu, Hitachi, Carter, steel, modern, Sany heavy industry, etc .



Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 091002	YB35V00005F1 KDRDE5K-31/30 C50-107 GREEN SPOT	KOBELCO SK120/100/220/200-2 6E type walk forward/P1, /P2 middle cut/ small arm changeable & renewable (4 pcs in assembly)	PROPORTIONAL SOLENOID VALVE
	PRK 091003	YN35V00020F1 KWE5K-31/G24 DA40 RED SPOT	KOBELCO SK100/120/200-3/SK130UR/ 6 type/320/330/350-6E 6 type safety lock, working equipment pressure increase, walking speed 1, 2 solenoids 3 pcs; only 2 pcs in SK100-3	DIRECTIONAL CONTROL VALVE
	PRK 091004	YN35V00019F1 KDRDE5K-31/30 C40-101 GREEN SPOT	KOBELCO SK100/120/200-3/SK130UR/ 6 type/320/330/350-6E 6 type walk forward P1, P2 middle cut, small arm changeable & renewable (4 pcs in assembly)	PROPORTIONAL SOLENOID VALVE
	PRK 091008	111-9916 KDRDE5K-31/40 E30-137 YELLOW SPOT	CAT 320B 320C E320C E320D E325B	PROPORTIONAL SOLENOID VALVE
	PRK 091009	121-1491 H132048 KWE5K-31/G24 DB30 RED SPOT	CAT 315C 320C 325C 330C 330D	DIRECTIONAL CONTROL VALVE
	PRK 091010	121-1490 KWE5K-31/G24 YA30 BLUE SPOT	CAT 320B 320C E320C E320D E325B	DIRECTIONAL CONTROL VALVE
	PRK 091013	YN35V00050F1 KWE5K-31/G24 DB50 RED SPOT	KOBELCO SK200-8/250/260-8/330/350-8 8 type safety lock, walk speed 1/2, working equipment supercharge No. 1, 3, 4.	DIRECTIONAL CONTROL VALVE
	PRK 091014	YN35V00048F1 KDRDE5K-31/ 30C50-122 GREEN SPOT	KOBELCO SK200-8/250/260-8/330/350-8 8 type P2 unload, walk forward, P1 unload No. 5, 6, 7.	PROPORTIONAL SOLENOID VALVE

Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 091015	YN35V00051F1 KWE5K-31/G24 YB50 BLUE SPOT	KOBELCO SK200-8/250/260-8/330/350-8 8 type rotational break No. 2	DIRECTIONAL CONTROL VALVE
	PRK 091016	YN35V00021F1 KWE5K-31/G24 YB40 BLUE SPOT	KOBELCO SK100/120/200-3/SK130UR/ 6 type/320/330/350-6E Rotational break solenoid valve (1 pcs) the last one	DIRECTIONAL CONTROL VALVE
	PRK 091017	YN35V00049F1 KDRDE5K-31/40 C50-213 GREEN SPOT	KOBELCO SK200-8/250/260-8/330/350-8 8 type small arm speed 2 No. 8	PROPORTIONAL SOLENOID VALVE
	PRK 091018	YT35V00013F1 KWE5K-31/G24 DB50 RED SPOT	KOBELCO SK200-6E/230-6E/250-6E 6E type safety lock, working equipment supercharge, walk speed 1,2 solenoid valve (3 pcs) No. 1, 2, 7	PROPORTIONAL SOLENOID VALVE
	PRK 091019	YN35V00052F1 KDRDE5K-31/30 C50-123 GREEN SPOT	KOBELCO SK200-8/250/260-8/330/350-8 Hydraulic pump solenoid valve	DIRECTIONAL CONTROL VALVE
	PRK 091020	YN35V00041F1 KDRDE5K-31/30 C50-102 GREEN SPOT	KOBELCO SK200-6E/230-6E/250-6E SK-6E hydraulic pump solenoid valve proportional valve	PROPORTIONAL SOLENOID VALVE
	PRK 091021	YB35V00006F1 KWE5K-31/G24 YA50 BLUE SPOT	KOBELCO SK200-6E/230-6E/250-6E Rotational break solenoid valve (1 pc) the last one	DIRECTIONAL CONTROL VALVE
	PRK 091022	YB35V00004F1 KDRDE5K-20/30 C12A-111	KOBELCO SK120/100/220/200-2 Hydraulic pump solenoid valve	PROPORTIONAL SOLENOID VALVE

Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 091023	YB35V00005F1 KWE5K-20/G24 D12A	KOBELCO SK200-6E/230-6E/250-6E Walk, mode swift, walk speed 1, 2, safety lock 4 out of 5 pcs at one side; SK220-2/200-2 5 pcs	DIRECTIONAL CONTROL VALVE
	PRK 091024	YN35V00005F2 KWE5K-20/G24Y 12A(G24Y12)	KOBELCO SK120/100/220/200-2 Rotation the individual one	DIRECTIONAL CONTROL VALVE
	PRK 091025	YN35V00004F2 KDRDE5K-20/30 C12A-101	KOBELCO SK120/100/220/200-2 P1, P2 middle cut, walk forward, big arm confluence, 5 pcs on the other side of rotational break	PROPORTIONAL SOLENOID VALVE
	PRK 091026	SKX5P-17-208 KDRDE5K-20/40 C07-109	KOBELCO SK200-6E DH VOLVO HYUNDAI SANY	PROPORTIONAL SOLENOID VALVE
	PRK 091027	SKX5P-17-209 KDRDE5K-20/40 C04-109	VOLVO EC140 EC210 EC290 EC360 EC460 EC750 SUMITOMO CASE	PROPORTIONAL SOLENOID VALVE
	PRK 091045	KDRDE5K-31/30 C50-140 GREEN SPOT	KOBELCO SK230-6E SK210LC-6E SANY	PROPORTIONAL SOLENOID VALVE
	PRK 091046	YN35V00018F2 KDRDE5K-31/30 C40-111 GREEN SPOT	KOBELCO SK100/120/200-3/SK130UR/ 6 type/320/330/350-6E SK-6 hydraulic pump solenoid valve proportional valve	PROPORTIONAL SOLENOID VALVE
	PRK 091047	YN35V00054F1 KDRDE5K-31/30 C50-143	KOBELCO SK200-8	PROPORTIONAL SOLENOID VALVE

Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 091048	SKX5P-17-208 KDRDE5KR-20/40 C07-203A EZ20V00018F1 V0009277998	XCMG 230/XCMG XE 215/ XGMA XG 815/LIUGONG CLG 915 SY135 SY335 CLG925 XE135 XE230 SY135/XG815/CLG915 SK200-6 SKX5P-17-210	PROPORTIONAL SOLENOID VALVE
	PRK 091049	SKX5P-17-210 KDRDE5KR-20/40 C13-203A	SUMITOMO SH200-5 SH350-5 SK60/100/200/210LC/250 /120/220/300/230 SK200-3 SH240-3	PROPORTIONAL SOLENOID VALVE
	PRK 091052	KDRDE5K-31/40 E30-116A 225-4558	Wheeled Excavator M330D W345C MH Excavator 330D 330D FM 330D L 330D LN	PROPORTIONAL SOLENOID VALVE
	PRK 091053	KWE5K-31G24 E30-701A 116-3526 315-4412	Wheeled Excavator M325B M325C MH M330D Material Handler M325D L MH M325D MH	PROPORTIONAL SOLENOID VALVE
	PRK 091054	171-0028	Material Handler MH3295 Excavator 325D L 336E LH 336E LNH	PROPORTIONAL SOLENOID VALVE
	PRK 091055	KWE5K-20/G24 Y05	KATO DH820	PROPORTIONAL SOLENOID VALVE
	PRK 091056	KWE5K-20/G24 D05	KATO DH820	PROPORTIONAL SOLENOID VALVE
	PRK 091057	KWE5K-20/G24 D05-301	KATO HD820-3 HD820-2	PROPORTIONAL SOLENOID VALVE

Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 091058	225-4558	Wheeled Excavator M330D W345C MH Excavator 330D 330D FM 330D L 330D LN	PROPORTIONAL SOLENOID VALVE
	PRK 091050	KDRDE5K-50/30 C50-143	CAT	PROPORTIONAL SOLENOID VALVE
	PRK 091035	457-9878 KWE5K-60/G24 DB30/CT	CATERPILLAR E320B E320C E320D	DIRECTIONAL CONTROL VALVE
	PRK 091028	9239590	HITACHI ZX250-3 ZX280-3 ZAXIS120-3 ZAXIS160LC-3 ZAXIS450-3	FLOW CONTROL VALVE
	PRK 091029	9218234	HITACHI ZX350-3 EX200-1 ZAX120-1 ZAX200-1 ZX200-3 ZX210-3	PROPORTIONAL SOLENOID VALVE
	PRK 091030	9239590	HITACHI ZX250-3 ZX280-3 ZAXIS120-3 ZAXIS160LC-3 ZAXIS450-3	TORQUE CONTROL VALVE
	PRK 091031	9218269	HITACHI ZAXIS240-3,ZAXIS270-3 ZAX200,ZAX230	PROPORTIONAL SOLENOID VALVE
	PRK 091056	335-0376	Forest Products 548 558 Material Handler MH3295 Excavator 311F LRR 312E 312E L	PROPORTIONAL SOLENOID VALVE

Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK0 91005D	702-21-60700	KOMATSU PC220-8 PC200-8	PILOT SOLENOID VALVE
	PRK 091005E	702-21-57400	KOMATSU PC200/210/220 PC360-7/8	PILOT SOLENOID VALVE
	PRK 091006A	702-21-07311	KOMATSU PC220-8	PILOT SOLENOID VALVE
	PRK 091006	702-21-07010	KOMATSU PC100-6 PC120-6 PC130-6	PILOT SOLENOID VALVE
	PRK 091006C	702-21-07620	KOMATSU PC100-6 PC120-6 PC130-6	PILOT SOLENOID VALVE
	PRK 091057	323-7894	Excavator 311F LRR 312E 312E L 312F 313F 313F L	PROPORTIONAL SOLENOID VALVE
	PRK 091005	702-21-57400	KOMATSU PC200/210/220 PC360-7/8	PILOT SOLENOID VALVE
	PRK 091005C	702-21-57400	KOMATSU PC200-7	PILOT SOLENOID VALVE

Solenoid Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 091011	702-21-57600	KOMATSU PC200/210/220 PC360-7/8 V21N-242	PILOT SOLENOID VALVE
	PRK 091012	702-21-57500	KOMATSU PC200/200-7/220/300/360-7 V25V-299	PILOT SOLENOID VALVE
	PRK 091101	723-40-71900	KOMATSU PC220-8 PC220LC-8 PC300-8 PC300LC-8 PC240-8 PC270-8	SELF-PRESSURE RELIEF VALVE
	PRK 091102	702-21-09147	KOMATSU PC60-7 PC200-6 PC120-6	SELF-PRESSURE RELIEF VALVE
	PRK 091103	702-21-55100	KOMATSU PC130-7 PC200-6	SELF-PRESSURE RELIEF VALVE
	PRK 091104	723-40-71800	KOMATSU PC200-7 PC300-8 PC350-8 PC200-8	SELF-PRESSURE RELIEF VALVE
	PRK 091203	20Y-60-32120 20Y-60-32121	KOMATSU PC130-7 PC160-7 PC200-7 PC210-7 PC360-7 CAT 320E320/E312	ROTARY SOLENOID VALVE
	PRK 091204		CAT E320D	ROTARY SOLENOID VALVE

Solenoid Valve/Suction Control Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 091205		HITACHI 2AX	ROTARY SOLENOID VALVE
	PRK 091206	206-60-51130 206-60-51131 206-60-51132	KOMATSU PC200-6 PC210-6 PC220-6 PC240-6 6D102	ROTARY SOLENOID VALVE
	PRK 091207	4I-5674 4I5674-A	CAT E320 E312 E315 350 375 325 312 315 317 320 320L E320 320L 325L 330 350 375 375L	ROTARY SOLENOID VALVE
	PRK 097201	294200-0190	HINO J05E KOBELCO SK200-8	Suction Control Valve (SCV)
	PRK 097202	294200-0650	KOBELCO SK200/260-8/ J05/J08E HINO ISUZU HEAVY TRUCK	Suction Control Valve (SCV)
	PRK 097205	294200-0370	KOBELCO 250-8/J05E SK200/210 HITACHI ZAX210-3 4/HK1	Suction Control Valve (SCV)
	PRK 097207	294200-0390	Isuzu N Series Hino Industrial	Suction Control Valve (SCV)
	PRK 097209	294200-0670	Hino Truck J08E Mitsubishi Truck FH FK FM 6M60T Hyundai Truck K Truck G Isuzu 6HK1 SDEC Bus & Tractor SC9DF	Suction Control Valve (SCV)

Suction Control Valve/Common Rail Pressure Relief Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 097210	294200-2750	ISUZU 4HK1 4JJ1 SANY 75/95 4JG1 HITACHI SUMITOMO CASE KOBELCO	Suction Control Valve (SCV)
	PRK 097211	294200-2760	HINO ISUZU	Suction Control Valve (SCV)
	PRK 097212	294200-0660	SUMITOMO CASE HITACHI EXCAVATOR 210/240/350/360-5 4HK1 J08 4HK1 6HK1	Suction Control Valve (SCV)
	PRK 097214	8-98145484-1	KOBELCO SANY 75/95 4JG1 HITACHI ISUZU 4HK1 4JJ1 SUMITOMO CASE	Suction Control Valve (SCV)
	PRK 097216	294200-0550	KOBELCO SK200-8 J05 EXCAVATOR HINO	Suction Control Valve (SCV)
	PRK 097217	294009-1221	HINO ISUZU KOBELCO SK210 J05E-TA	Suction Control Valve (SCV)
	PRK 083006	095420-0260	NISSAN CABSTAR NAVARA PATHFINDER ALMERA TINO VARIANTS ALMERA X-TRAIL MITSUBISHI L200 ISUZU HOLDEN RODEO / D-MAX	COMMON RAIL PRESSURE RELIEF VALVE

Common Rail Pressure Relief Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 083007	095420-0281	ISUZU HOLDEN RODEO / D-MAX NISSAN-NAVARA Hino KOBELCO HOWO	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083008	095420-0140	4HK1TCC, 4HK1TCN, 4HK1TCS, 4JJ1, 4JJ1TCC KOMATSU ND095420-0140 KOMATSU PC400-7 SA6D140E KOBELCO SK200-8	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083009	095420-0280	mitsubishi L200 NISSAN PRIMERA X-TRAIL	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083010	095420-0230	KOMATSU PC400-7	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083011	095420-0440	HINO,ISUZU, HOWO WA480-6,D375A-6,PC400 DCA,HM350,PC400, SA6D125E/140E SAA6D125E/140E	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083012	095420-0161	mitsubishi Fuso John Deere	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083013	9664613980 095438-0190 095420-0281 98032549	Ford-Transit Citroën-Relay Peugeot-Boxer Fiat-Ducato Isuzu-Rodeo I	COMMON RAIL PRESSURE RELIEF VALVE

Common Rail Pressure Relief Valve/Fuel Metering Valve

Photo	PERK	Oem Ref	Application	Description
	PRK 083014	RE516335 JDRE518423	John Deere	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083020	4383889 482947	CUMMINS	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083004	1110010035	VOLKSWAGEN MAN CUMMINS FORD	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083005	1110010020	CUMMINS ISD	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083001	1110010017	Citroën Peugeot	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083002	1110010028	CUMMINS	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 083003	1110010015	VOLVO MAN CUMMINS Renault KOMATSU Auman	COMMON RAIL PRESSURE RELIEF VALVE
	PRK 097001	0928400617	KOMATSU PC200-8 PC210-8	FUEL METERING VALVE

Fuel Metering Valve/Sensor

Photo	PERK	Oem Ref	Application	Description
	PRK 097002	0928400802	ISUZU	FUEL METERING VALVE
	PRK 083101	LS52S00015P1 YN52S00048P1	KOBELCO SK200-8 SK350-8 SK210-8 SK330-8 Case CX210 CX220	HIGH PRESSURE SENSOR
	PRK 083102	LC52S00019P1	SK200 230 6-6E-8 SK200-8/SK210LC-8/ SK250-8/ SK260LC-8/SK330-8/ SK350LC-8	LOW PRESSURE SENSOR
	PRK 081003	6754-72-1210	KOMATSU PC200-8/210-8 KOBELCO SK115 135 235 PC220-8/240-8	COMMON RAIL PRESSURE SENSOR
	PRK 081001	0281002937	KOMATSU PC200-8/240-8	COMMON RAIL PRESSURE SENSOR
	PRK 081052	0281002706	VOLVO CUMMINS	COMMON RAIL PRESSURE SENSOR
	PRK 081018	0281006327	CUMMINS 6.7 EXCAVATOR KOMATSU	COMMON RAIL PRESSURE SENSOR

Sensor

Photo	PERK	Oem Ref	Application	Description
	PRK 081027	0281006086 ME229553	SANY SY215 EXCAVATOR 4M50	COMMON RAIL PRESSURE SENSOR
	PRK 082005	45PP3-5	Fotom CUMMINS Xichai SDEC	COMMON RAIL PRESSURE SENSOR
	PRK 082001	45PP3-4	ISUZU HOWO HINO XCMG	COMMON RAIL PRESSURE SENSOR
	PRK 082009	55PP40-01 5WS40755	HEAVY EQUIPMENTS HEAVY TRUCK	COMMON RAIL PRESSURE SENSOR
	PRK 082028	55PP07-02 9307Z512A	JCB EXCAVATOR Hyundai KIA	COMMON RAIL PRESSURE SENSOR
	PRK 092001	4444902	HITACHI EX200-2/3 EX120	ANGLE SENSOR
	PRK 092002	4716888 101644050 052976074	HITACHI EX200-3,EX120-3,EX100-3, EX220-3,EX120-2,EX100-2, EX200-2,EX220-2,EX400LC-5, EX550,EX550LC,EX550-3	ANGLE SENSOR
	PRK 098001	7861-93-2310 SMALL CONNECTOR	KOMATSU PC200-7 PC220-7	SPEEDOMETER SENSOR

Sensor

Photo	PERK	Oem Ref	Application	Description
	PRK 098002	7861-92-2310 BIG CONNECTOR	KOMATSU PC200-3/5/6/220-6	SPEEDOMETER SENSOR
	PRK 076002	029600-0580	KOMATSU HINO	CAMSHAFT POSITION SENSOR
	PRK 052511	079800-5550	mitsubishi XICHAi J08E E320D HINO	MAP SENSOR
	PRK 052511-1	079800-5580	4HK1 6HK1 J08E E320D HINO	MAP SENSOR